# 10th Class 2014

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| **Biology** | **Group-II** | **Paper-II** |
| **Time: 15 Minutes** | **(Objective Type)** | **Max. Marks: 12** |

**Note:** Four possible answers, A, B, C and D to each question are given. The choice, which you think is correct, fill that circle in front of that question with Marker or Pen ink. Cutting or filling two or more circles will result in zero mark in that question.

1-(i) Rate of breathing depends upon concentration of which gas in the blood:

(a) Oxygen (b) Carbon dioxide √
(c) Nitrogen (d) Hydrogen

(ii) **Secretions secreted by Conifers are called:**

(a) Resins √ (b) Gums
(c) Latex (d) Mucilage

(iii) **Which hormone is secreted in case of emergency situation:**

(a) Oxytocin (b) Thyroxin
(c) Adrenaline √ (d) Calcitonin

(iv) **If a new-born baby feeds on mother's milk, as a result of which production of mother's milk will:**

(a) Decrease (b) Increase √
(c) Stop (d) Continue with intervals

(v) **An example of ball and socked joint is:**

(a) Elbow joint (b) Shoulder joint √
(c) Knee joint (d) Finger joint

(vi) **In which of the following animals groups, external fertilization takes place:**

(a) Reptiles (b) Amphibians √
(c) Birds (d) Mammals

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(vii) **Pollen grains are produced in anther of flower by:**

(a) Meiosis √ (b) Mitosis

(c) Binary fission (d) Multiple fission

(viii) **What will be the colour of flowers produced as a result of cross between red and white flowered 4 o'clock plants:**

(a) Pink √ (b) Red

(c) White (d) Purple

(ix) **Which of the following genes will be termed as Homozygous Recessive:**

(a) RR YY (b) Rr Yy

(c) Rr YY (d) rr yy √

(x) **An example of Carnivore plants is:**

(a) Rose plant (b) Mosses

(c) Pitcher plant √ (d) Ferns

(xi) **An enzyme produced by genetically modified organisms used to break up blood clots is called:**

(a) Lipase (b) Amylase

(c) Urokinase √ (d) Peptidase

(xii) **Which of the following addictive drugs is obtained from opium:**

(a) Morphine √ (b) Marijuana

(c) Mescaline (d) Psilocin

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